

A radio communication apparatus used in a CDMA communication system includes a plurality of delay profile circuits for generating delay profiles by calculating the correlations between a reception signal and known data at a plurality of timings, and timing circuits prepared for the respective delay profile circuits to generate correlation timings therein. In this apparatus, the operation of at least the delay profile circuit which generated the delay profile or the timing circuit for generating a correlation timing in the delay profile circuit is stopped in accordance with the correlation value of the delay profile. A power consumption control method for the radio communication apparatus is also disclosed.